IM 2 9 ZEM IS

FORM PTO-1449 (REV. 7.80)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

DOCKET NO.: 1000-1216

SERIAL NO.: 10/748,631

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT: Alex Nugent

FILING DATE: 12/30/2003

GROUP ART UNIT: Not Yet Assigned

U. S. PATENT DOCUMENTS

	_							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)	
mtt		US 2003/0177450 A1	9/18/2003	Nugent	716	1	03/12/2002	\neg
nut		US 2002/0102353 A1	8/1/2002	Mauthner et al.	427	255.28	3/20/2002	
ntt		US 6,426,134 B1	7/30/2002	Lavin et al.	428	300.1	6/29/1999	
mtt		US 6,424,961 B1	7/23/2002	Ayala	706	25	12/6/1999	\neg
mtt		US 6,423,583 B1	7/23/2002	Avouris et al.	438	132	1/3/2001	\neg
mtt		US 6,422,450 B1	7/23/2002	Zhou et al.	228	121.85	9/15/2000	\neg
nitt		US 6,420,092 B1	7/16/2002	Yang et al.	430	311	10/13/1999	\neg
mbt		US 6,418,423 B1	7/9/2002	Kambhatla et al.	706	15	1/29/1999	ᆌ
met		US 6,407,443 B2	6/18/2002	Chen et al.	257	616	6/20/2001	╗
mb,		US 2002/0090468 A1	6/11/2002	Goto et al. 7/11/2002	427	580	10/30/2001	7
mtt		US 6,389,404 B1	5/14/2002	Carson et al.	706	18	12/30/1998	\neg
ntt		US 6,383,923 B1	5/7/2002	Brown et al.	438	666	8/22/2000	٦
mtt.		US 6,363,369 B1	3/26/2002	Liaw et al.	706	15	6/11/1998	
mtb		US 6,359,288 B1	3/19/2002	Ying et al.	257	14	4/22/1998	
mtt		US 2002/0030205 A1	3/14/2002	Varshavsky	257	208	8/9/1999	\neg
mlt		US 6,339,227 B1	1/15/2002	Ellenbogen	257	40	2/1/1999	\neg
mtt		US 2002/0004136 A1	1/10/2002	GAO et al.	428	367	6/14/1999	
mtt		US 2002/0001905 A1	1/3/2002	Choi et al.	438	268	6/27/2001	
mtt		US 6,335,291 B1	1/1/2002	Freeman	438	706	11/24/1999	╗
ntt		US 6,330,553 B1	12/11/2001	Uchikawa et al.	706	2	4/9/1998	ᆌ
mtt		US 2001/0044114 A1	11/22/2001	Connolly	435	6	5/17/2001	\neg
Mft		US 6,314,019 B1	11/6/2001	Kuekes et al.	365	151	3/29/1999	コ
	П	UO 0,202,630 D1	-0/28/200	Huang	700	41	6/9/1999 -	ᆿ
mf		US 2001/0023986 A1	9/27/2001	Mancevski	257	741	2/7/2001	\neg
mite		US 2001/0024633 A1	9/27/2001	Lee et al.	423	447.3	3/15/2001	7
ntt		US 6,294,450 B1	9/25/2001	Chen et al.	438	597	3/1/2000	\neg
intt		US 2001/0004471 A1	6/21/2001	Zhang	427	372.2	12/18/2000	7
mtt		US 6,248,529 B1	6/19/2001	Connelly	435	6	5/20/1999	ᆌ
mtt		US 6,256,767 B1	7/3/2001	Kuekes et al.	716	9	3/29/1999	ᅦ
mlt		US 6,245,630 B1	6/12/2001	Ishikawa	438	393	5/29/1998	ᆌ
mtt		US 6,128,214	10/3/2000	Kuekes et al.	365	151	5/29/1999	ᆌ
mt		US 6,026,358	2/15/2000	Tomabechi	704	232	12/21/1995	ᆌ
ntt		US 5,978,782	11/2/1999	Neely	706	16	7/5/1996	ᆌ
mtt		US 5,951,881	9/14/1999	Rogers et al.	216	41	7/22/1996	
mit		US 5,904,545	5/18/1999	Smith et al.	438	455	6/7/1995	\neg
mtt		US 5,812,993	9/22/1998	Ginosar et al.	706	26	2/27/1997	\neg
mut		US 5,783,840	7/21/1998	Randall et al.	257	24	6/7/1995	ᆌ
mtt	-	US 5,717,832	2/10/1998	Steimle et al.	395	24	6/7/1995	7

OLD OF SOURCE

FORM \$40:1449 (REV. 7.80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 1000-1216

SERIAL NO.: 10/748,631

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANTS: Alex Nugent

FILING DATE: 12/30/2003

GROUP ART UNIT: 2121

U. S. PATENT DOCUMENTS

*EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If appropriate)
Met	US 2,707,223	04-1955	Holiman, Hans E	338	32R	
met	US 3,833,894	09-1974	Aviram et al.	368 340	161 173	
nut	US 4,926,064	05-1990	Tapang, Carlos C.	708 307	28 201	
mtt	US 5,670,818	09-1997	Forouhi et al.	257	530	
nvt	US 5,761,115	06-1998	Kozicki et al.	365	182	
met	US 5,896,312	04-1999	Kozicki et al.	365	153	
nt I	US 5,914,893	06-1999	Kozicki et al.	365	107	
mtt ·	US 6,084,798	07-2000	Kozicki et al	365	153	
mtt	US 2001/0031900	10-2001	Margrave, et al.	570	126	
mtt	US 2001/0041160	11-2001	Margrave, et al.	423	460	
mtt	US 2002/0004028	01-2002	Margrave et al.	423	447.3	
mtt	US 2002/0075126	06-2002	Reitz, et al.	338	21	
mtt-	US 2002/0086124	07-2002	Margrave et al.	428	36.9	
MHC	US 2003/0031438	02-2003	Kambe et al.	385	122	
Mt	US 6,620,346	09-2003	Schultz et al.	252	519.51	
mtt	US 6,798,692	09-2004	Kozicki et al.	365	174	
ntt.	US 6,855,329	02-2005	Shakesheff, et al.	424	409	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		1				YES	NO
nt	RU 2071126 C1	06-1996	Russia	G11C	13/02	NO	
· mt	WO 03/017282 A1 2/27/2003	08-2001	PCT	G11C	11/21	YES	
<u> </u>							<u>-</u>

OTHER PRIOR ART (Including Author, Title, Date, Perlinent Pages, Etc.)

ndt mtt Nagoparticles Get Wired, Dimes Institute, Delft University of Technology, 1997

A. Bezryadin, Trapping Single Particle with Nanoelectrodes, Physics News Graphics, September 1997

Snow, et al., Nanofabrication with Proximal Probes, Proceedings of the IEEE, April 1997

P. O'Connor, G. Gramegna, P. Rehak, F. Corsi, C. Marzocca, CMOS Preamplifier with High Linearity and Ultra Low Noise for X-Ray

Spectroscopy, IEEE Transactions on Nuclear Science, Vol. 44, No. 3, June 1997, pp. 318-325

EXAMINER

mtt

MAI T. TRAM

DATE CONSIDERED

4/5/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.